

Converting Colors

CIELCh(74, 15.402, 177.572)

Have a look what the booklet for
CIELCh(74, 15.402, 177.572)
contains.

CIELCh(74, 15.402, 177.572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 15.402, 177.572)

Conversions

Conversions Part 1

Format	Color
Hex	96BEB4
RGB	150, 190, 180
RGB Percent	59%, 75%, 71%
CMY	0.4111, 0.2542, 0.2934
CMYK	0.21, 0.00, 0.05, 0.25
HSL	165°, 24%, 67%
HSV	165°, 21%, 75%
XYZ	39.3149, 46.7039, 50.2139
YIQ	176.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

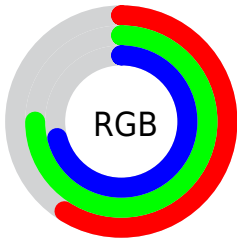
Format	Color
RYB	150, 173, 190
Decimal	9879220
CIELab	74.00, -15.39, 0.65
CIELCh	74, 15.402, 177.572
Yxy	46.7039, 0.2886, 0.3428
Android (android.graphics.Color)	4288069300 (0xFF96BEB4)
YUV	176.9000, 1.5283, -23.5913
Hunter-Lab	68.3403, -16.9078, 4.2742

Details

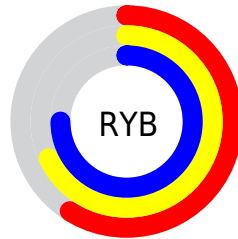
The CIELCh color **74, 15.402, 177.572** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 16.554, 1.658**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.077, 178.437**, and **54, 15.828, 176.405** is the 20% darker color. If you saturate the color by 10%, you get **73, 22.311, 176.521**, and if you desaturate by 10%, it is **75, 8.187, 178.565**.

Distribution



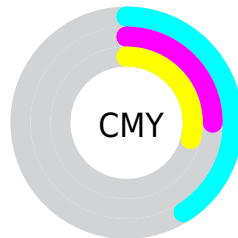
- Red (59%)
- Green (75%)
- Blue (71%)



- Red (59%)
- Yellow (68%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (41%)
- Magenta (25%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 15.402, 177.572 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 74, 15.402, 177.572 by changing the saturation by 10% instead.


 74, 15.402,
177.572


 74, 15.402,
177.572


 100, 15.402,
177.572


 64, 15.402,
177.572


 94, 15.402,
177.572

 54, 15.402,
177.572

 44, 15.402,
177.572

 34, 15.402,
177.572

 24, 15.402,
177.572

 14, 15.402,
177.572

 4, 15.402, 177.572

0, 15.402, 177.572

74, 15.402,
177.572

74, 15.402,
177.572

73, 22.311,
176.521

75, 8.187, 178.565

72, 28.788,
175.395

77, 0.772, 180.036

71, 34.712,
174.168

79, 6.747, 0.214

70, 39.968,
172.818

80, 14.293, 1.077

70, 44.468,
171.319

82, 21.806, 1.879

69, 48.168,
169.650

83, 25.954,
359.694

83, 26.794,
354.640

■ 69, 51.085,
167.795

■ 84, 27.844,
349.946

■ 69, 53.203,
166.027

■ 84, 29.079,
345.641

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74, 15.402, 177.572



66, 16.554, 1.658

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 15.402, 177.572



74, 15.402, 227.572



74, 15.402, 357.572



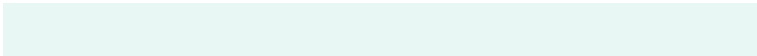
74, 15.402, 47.572

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74, 15.403, 177.568



96, 5.534, 179.069



74, 24.346, 135.806



52, 3.699, 178.998



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 15.403, 177.568



93, 22.495, 177.119



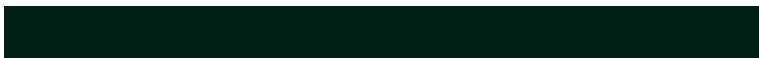
72, 11.692, 224.587



39, 4.184, 178.733



58, 46.200, 166.337



9, 13.673, 171.995

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66, 16.554, 1.658



81, 24.566, 2.212



68, 13.368, 42.749



37, 4.318, 0.331



33, 62.689, 24.722



3, 12.674, 5.314

Previews

White Background



This preview shows how the CIELCh color 74, 15.402, 177.572 looks on a white background.

Color Contrast Check

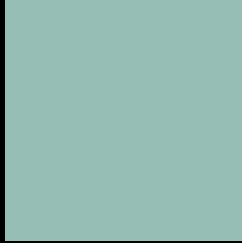
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 15.402, 177.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

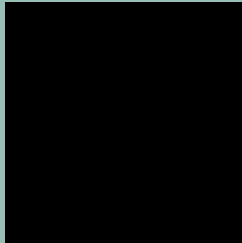
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

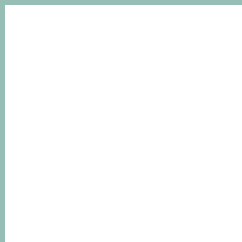
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 15.402, 177.572

Background



This preview shows how black text looks on a background with the CIELCh color 74, 15.402, 177.572.



This preview shows how white text looks on a background with the CIELCh color 74, 15.402, 177.572.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

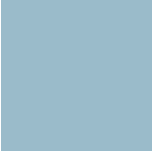
Dichromacy



Original Color
74, 15.402, 177.572

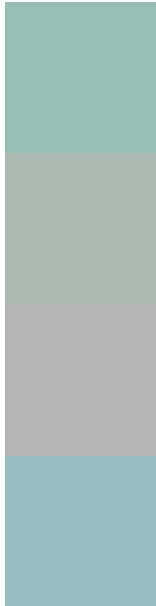
Protanopia
74, 3.734, 79.362

Deuteranopia
74, 9.127, 355.720



Tritanopia
74, 13.650, 235.420

Trichromacy



Original Color
74, 15.402, 177.572

Protanomaly
74, 5.608, 156.608

Deuteranomaly
74, 0.550, 290.339

Tritanomaly
74, 12.481, 213.704

Monochromacy



Original Color
74, 15.402, 177.572

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 5.967, 177.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 15.402, 177.572 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 190, 180)` looks like.

```
.text, #text, p{  
    color:rgb(150, 190, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 190, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 190, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 15.402, 177.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 190, 180) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 190, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 190, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(150, 190,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 15.402, 177.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 190, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
190, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor